



*Details and
Specifications*
**POWER
GARAGE
DOORS**

*The Pure Oil Building, Chicago, where the
world's largest garage, famed for its most com-
plete and modern equipment, uses General Power
Doors to handle the heavy traffic.*

GENERAL POWER DOOR COMPANY

Sole Manufacturers under Campbell Patents

General Offices and Factory: ST. CLOUD, MINN.

Branch Offices:

SAN FRANCISCO
731 Polk Street

CHICAGO
1827 South Michigan Avenue

NEW YORK CITY
225 West Fifty-Seventh Street

The garage of the Federal Reserve Bank Building, Cincinnati, Ohio.



The Foshay Tower, Minneapolis, Minn. The garage of this 32-story building is equipped with Power Doors.

The Union Central Building and Annex, Cincinnati, Ohio. Three sets of doors.



Features of the General Door Operator

Adaptable to varying conditions of installation. Requires practically no attention. No upkeep or repair cost.

Multi-Station operating control including floor-trip on entrance ramp.

No cables—no noisy chains—no air control—no noise—no vibration.

Electrically operated steel arms open and close the doors.

Travel of doors reversible at any point.

Fast or slow opening—can be geared to any speed of travel.

Belt driven motor eliminates danger of burned out motors and injury to cars or people.

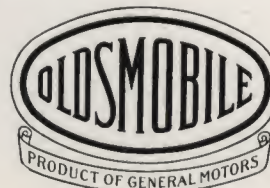
The automobile factories of these great companies use General Power Doors.



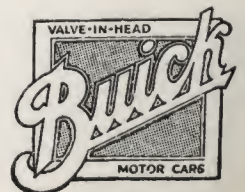
AT DETROIT, MICH.



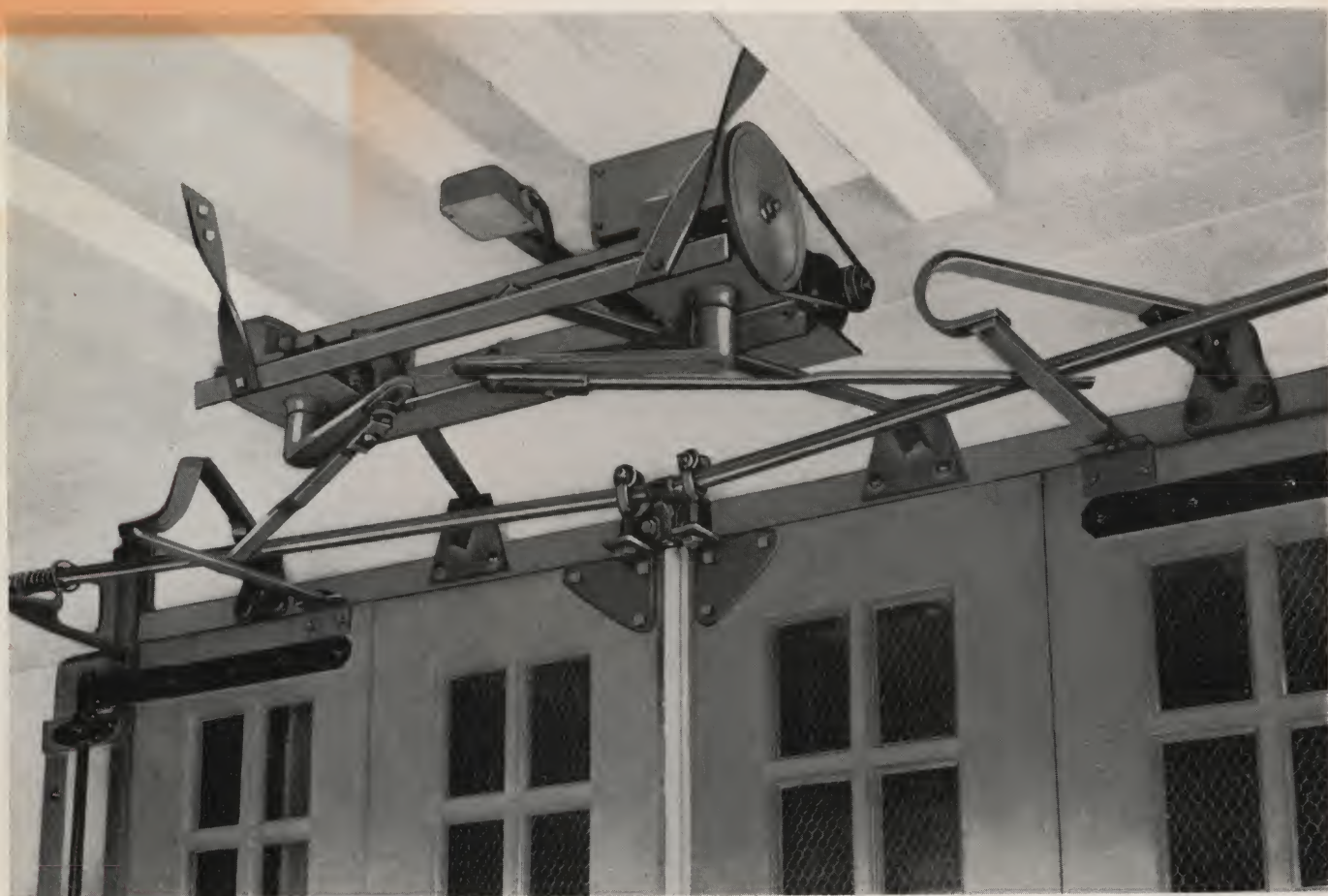
AT SOUTH BEND, INDIANA



AT LANSING, MICH.



AT FLINT, MICH.



Strong Steel Arms Operate Without Noise or Vibration

The most quiet running operating unit on the market. There is no noise and no vibration. Powerful steel arms open, close and lock the doors. The steel arms are propelled by two reduction gears running in oil. The housing for these gears is sealed as tightly as the differential on an automobile.

The motion of the doors can be reversed at any point of travel. The operator has instantaneous, electric control of door movement at all times. Because of the belt drive of the motor any obstacle such as a car or a person, coming in contact with moving door, will stop the motion of the doors. There is never any possibility of damage to cars or persons—the hazard of accidents from power driven doors is eliminated.

An item for your major consideration is the fact that the General Power Door Unit uses no cables or noisy chains, no air control or other intricate mechanical device.

The General Operating Unit is simply constructed. It requires no other attention than a 15 minutes' oiling every 60 days. The grease in the gears should be renewed every two years. There is nothing to get out of order. Simply designed, finely constructed of exceptionally strong materials, this power unit will function for years without repair or upkeep cost. Continued zero weather in Northern states has no effect on its quiet efficiency of operation.

Engineering Service

Because of their years of constructive experience in this field, General Power Door Company engineers are in a position to offer special advice on any phase of Power Door installation, for garages, factories, or public buildings.

Service is gladly rendered by this department in preparing plans and specifications. Detailed drawings of doors, frames, hardware, etc., and special conditions of installations furnished on request.

STEEL FRAMES for General Power Doors are so constructed as to serve as a strong foundation for the power doors and to stand up under the heavy traffic of the modern garage. All our steel frames have adjustable hinge pins built into them and are drilled ready for the attachment of our hardware, thereby greatly reducing the cost of field labor. Frames are bricked in place with hardware fitted to them. Floor plates are so constructed that doors lock into them after closed. Frames may be of wood or steel.

GENERAL DOORS are constructed of select white pine, three ply, blind screwed and glued, fitted and shaped for rubber astragals, rabbetted at the fold and are as nearly twist-proof as it is possible to make them. They are built four-fold or double swing. Metal covered doors will be furnished where required.

THE HARDWARE is designed especially for four-fold doors and consists of heavy tubular track, roller bearings, ball bearing fold hinges, heavy forged standing hinges with Timken Roller Bearing under standing hinges, swung on ADJUSTABLE CONTINUOUS SHAFTS allowing doors to fold back of the jamb. A clearance of 12 inches on either side of opening is desired where possible.



GENERAL POWER DOORS are especially driven and especially designed for modern garages, industrial entrances, etc. The two reduction worm gears run in a housing and sealed as the difference in speed reverse the motion of the doors. The doors also lock the doors in open and closed position, eliminating the danger of a burn or people.



The 20 foot opening of the U. S. Post Office Garage at Brooklyn, N. Y.



Inside view of fire station at Albany, N. Y. Doors can be opened from several control stations.



The Bakery Plant of Regan Bros., Minneapolis, garage.

Standard Equipment

Individual Power Units can be obtained for installation on present doors, readily adjustable to special sizes and conditions of entrances.

The complete General Power Door Installation consists of:

- Operating Unit
- Doors of special General Power Company Construction
- Hardware of special design
- Steel or Wood Frames

Any single unit or combination of units can be purchased as conditions require.



POWER OPERATORS are electrically designed for heavy doors, such as garages, etc. The operator contains oil. They are completely self-contained. They will operate at any point in their travel and will close in closed position. A belt drive will not injure motor and injury to cars

RECOMMENDED SIZES. After many years of experiment to obtain a perfectly balanced door we have adopted the following sizes:

Garage for storage of automobiles only, 10 by 10 ft. by 2 1/4 in., and 10 by 11 ft. by 2 1/4 in. Service and battery stations, 11 by 11 ft. by 2 1/4 in., and 11 by 12 ft. by 2 1/4 in. Truck storage, 12 by 12 ft. by 2 1/4 in., and 12 by 13 ft. by 2 1/4 in. Bus storage, 16 by 14 ft. by 2 1/4 in. Double entrances, 22 by 12 ft. by 2 1/4 in.

MULTI-STATION CONTROL—Operating stations can be placed at one or several points in a building, saving the time of attendants. A desirable convenience is the floor-trip. It is located on the entrance ramp. A car driving up to the entrance presses the floor-trip with the front wheels and the doors automatically open. They can be closed by any one of the stations within the garage.

SPECIFICATIONS FOR ARCHITECTS:
"Furnish and install a complete General Power Door Equipment which consists of the steel frames, wheel guards, doors, all hardware and power operators, as furnished by THE GENERAL POWER DOOR CO., St. Cloud, Minn., for openings as shown on plans."



The Creamery Plant of the Crescent Creamery Company, St. Paul, Minn.



30 foot opening (inside view) Public Service Garage at Newark, N. J.



The large Public Service Garage at Newark, N. J.

DETAILS OF GENERAL POWER DOOR ASSEMBLY



- ELECTRIC OPERATOR
- SHELBY TUBING TRACK
- STEEL HINGES
- ROLLER BEARINGS
- FOUR FOLD DOORS
- COLD ROLLED HINGE PINTEL
- RUBBER ASTRAGALS
- BALL BEARING FOLD HINGE
- ADJUSTABLE HINGE PLATE
- STEEL FLOOR PLATE
- TIMKEN TAPERED ROLLER BEARINGS

*Upper Picture Shows
INSIDE VIEW
OF
FOUR FOLD DOOR
WITH OPERATOR*



*Lower Picture
DOUBLE SWING
DOOR WITH
OPERATOR*



The White Company Service Station at Hartford, Conn.



The garage of the Northern States Power Company, Division of the Byllesby Corporation, Minneapolis. Seven sets of doors.



The Firestone Service Station at Duluth, Minn., is equipped with Power Door units.



The Kimball Chevrolet Company of Minneapolis



The million dollar Daylight Garage, at Cincinnati, Ohio, equipped with six sets of Power Doors.



Five complete sets of 16-foot Doors at the station of the Twin City Motor Bus Company, Minneapolis. The St. Paul Station has two sets.



Illustrating three Power Doors in one of the largest Garages in Los Angeles—The White Company



The 16 buildings of the Minnesota State Highway Department are all Power Door equipped.



The large Studebaker Garage at Houston, Texas, is equipped with Power Doors.



Nine sets of 15-foot doors serve the Northland Transportation Terminal of the Great Northern Railroad, Minneapolis, Minn.



The Fire Station—30th and Locust Streets, Milwaukee, Wis. Besides this, two other Fire Stations and one police station are Power Door equipped.



Fire Station, Philadelphia, Pa. Power Doors adopted



One of the several fire stations in Philadelphia equipped with Power Doors.



The Goodyear Service Station, Minneapolis, Minn.



The new Merchants' Garage at Columbus, Ohio, equipped with six sets of Power Doors



Another Minneapolis Fire Station, Power Door Equipped.

"GENERAL" POWER DOOR



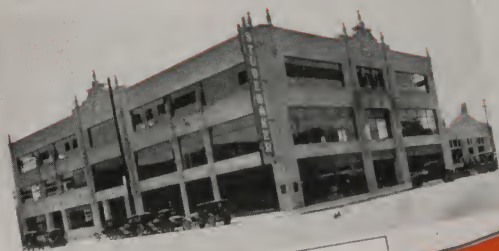
GENERAL POWER DOOR COMPANY
ST. CLOUD, MINN.

Equipment
is made for
All Types
of
COMMERCIAL
and
RESIDENTIAL
GARAGES
FACTORIES
FIRE STATIONS
BUS TERMINALS
and other
institutions

Address All Communications to
Nearest Office

General Offices and Factory
ST. CLOUD, MINN.

Branch Offices
NEW YORK, CHICAGO
SAN FRANCISCO



The large Studebaker Garage at Houston, Texas, is equipped with Power Doors.



Nine sets of 15-foot doors serve the Northland Transportation Terminal of the Great Northern Railroad, Minneapolis, Minn.

"GENERAL"

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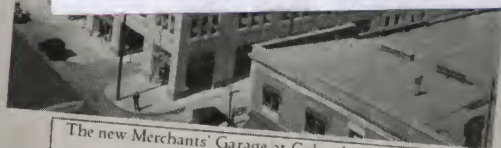
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The new Merchants' Garage at Columbus, Ohio, equipped with six sets of Power Doors



Another Minneapolis Fire Station. Power Door Equipped.